

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) ~~[[A]]~~ An isolated polynucleotide selected from the group consisting of (a) to (e) ~~[[f]]~~ below:

(a) a polynucleotide comprising a protein-coding region of the nucleotide sequence according to SEQ ID NO: 1;

(b) a polynucleotide encoding a protein comprising the amino acid sequence according to SEQ ID NO: 2;

(c) a polynucleotide encoding ~~a protein that is functionally equivalent to a~~ protein comprising the amino acid sequence according to SEQ ID NO: 2 in which one or more amino acids are replaced, deleted, inserted, and/or added at positions other than 27 to 213, wherein the polynucleotide comprises an activity of a blood cell growth and differentiation factor;

(d) a polynucleotide encoding ~~a protein that is functionally equivalent to a~~ protein comprising the amino acid sequence according to SEQ ID NO: 2 positions 27 to 213, said polynucleotide ~~hybridizing under stringent conditions with a polynucleotide~~ comprising the nucleotide sequence according to SEQ ID NO: 1 positions 58 to 696;

(e) a polynucleotide encoding ~~a partial peptide of a protein comprising the~~ amino acid sequence according to SEQ ID NO: 2 positions 27 to 213. ~~;~~ and

~~—— (f) a polynucleotide encoding a partial peptide of a protein that is functionally equivalent to a protein comprising the amino acid sequence according to SEQ ID NO: 2 in which one or more amino acids are replaced, deleted, inserted, and/or added.~~

2. (Withdrawn) A protein encoded by the polynucleotide according to claim 1, or a partial peptide thereof.

3. (Withdrawn) The partial peptide according to claim 2, said partial peptide comprising an amino acid sequence selected from the N-terminal amino acid residues 27 to 213 of SEQ ID NO: 2.

4. (Original) A vector into which the polynucleotide according to claim 1 is inserted.

5. (Currently Amended) [[A]] An isolated transformant comprising the polynucleotide according to claim 1.

6. (Currently Amended) A method for producing a protein ~~or partial peptide~~ comprising cultivating the transformant according to claim 5, and collecting expression products.

7 - 10. (Canceled)

11. (Withdrawn) A method for isolating a gene encoding a receptor for the protein of claim 2, said method comprising the steps of:

- (a) contacting said protein with a cell expressing a gene library; and
- (b) selecting a clone that can bind to said protein.

12. (Withdrawn) A gene isolated by the method according to claim 11.

13. (Withdrawn) A receptor encoded by the gene according to claim 12.

14. (Withdrawn) A method for screening a compound that interferes with binding between the protein according to claim 2 and a receptor for the protein, said method comprising:

- (a) contacting, with said protein, a cell that expresses a receptor for said protein, either in the presence of a candidate compound, or after said cell is contacted with a candidate compound; and
- (b) selecting a compound that interferes with a binding level of said protein.

15. (Withdrawn) A compound isolated by the method according to claim 14.

16. (Withdrawn) A non-human vertebrate that has been manipulated so that expression of the protein according to claim 2 is altered.

17. (Withdrawn) The non-human vertebrate according to claim 16, wherein said non-human vertebrate is a knockout animal or a transgenic animal.

18. (Withdrawn) The non-human vertebrate according to claim 17, wherein said non-human vertebrate is a mouse.

19. (Currently Amended) [[A]] An isolated transformant comprising the vector according to claim 4.

20. (Currently Amended) A method for producing a protein ~~or partial peptide~~ comprising cultivating the transformant according to claim 19, and collecting expression products.

21. (Currently Amended) ~~The~~ An isolated polynucleotide ~~of claim 1, wherein said polynucleotide is a polynucleotide~~ encoding a protein comprising the amino acid sequence according to SEQ ID NO: 2.

22. (Withdrawn) An isolated protein comprising the amino acid sequence according to SEQ ID NO: 2.

23. (Withdrawn) An antibody that binds to the protein of claim 22.